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(54) Title: A MIXED COMPLEMENTARY VIRAL VECTOR FOR GENE THERAPY

(57) Abstract: Replication able viral vector sequences mixed with replication deficient viral vector(s) delivered *in vivo* to vector producing cells is disclosed herein. The replication able viral vector has a target cell-activated regulatory sequence or a functional mutation that controls its propagation in the target cells. Alternatively, the vectors can be mutually dependent for replication and physiological effect. The replication deficient vector(s) contains a gene encoding a protein that is expressed in the transduced cells and can induce anticancer responses. The target cells can be carcinomas, sarcomas or other solid tumors, for example. The vectors of this invention can also be utilized to treat other diseases such as restenosis, in which case the target cell can be a vascular smooth muscle cell.

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